ELEC 490 ELECTRICAL ENGINEERING RESEARCH PROJECTS

Repeatable for Credit
Session: Full Term
Theoretical and experimental investigations under staff direction. May be repeated for a total of 6 credit hours.
Credits 1 TO 6

Procedures and Process Concerning ELEC 490

Project Abstract and Independent Study Petition: Please complete the Independent Study Petition which requests a short one paragraph abstract of the project at the start of the semester. This should list the research project advisor (who will give the student a grade), and the topic and scope and expected results of the project. This abstract should be discussed with the student's research advisor for approval, and then e-mailed to the research advisor, and also to both Norma Santamaria and Joe Cavallaro as Chair of the undergraduate committee for appropriate signatures.

Credit Hours: About 3 hours of work per week per 15 week semester would translate to 1 credit hour. So, 3 credit hours of ELEC 490 would be about 9 hours of work per week during the semester. The maximum number of credit hours of ELEC 490 in one semester would be 3. ELEC 490 projects do not count towards ECE specialization credit, and the maximum total ELEC 490 is limited to 6 hours. Students can petition if they have a special project.

Final Presentation and Report: The student is expected to prepare a final presentation and report for the research advisor by the end of the semester so that the research advisor can assess the student's performance and give the student a grade. (The student's level of effort should be comparable to that in a traditional lecture/lab course.) The student's research advisor should then contact Norma Santamaria, since she collects and enters grades for all students in the ECE department doing ELEC 490 projects. Advisor: The research advisor is usually a member of the ECE faculty or one who holds a joint or courtesy appointment in ECE.

If not, then it may be necessary to have an ECE faculty member consult on the ELEC 490 research project.

Notes: ELEC 490 credit can only be earned for research if it is unpaid. If a student is being paid to work on the research project, then ELEC 490 credit cannot also be earned.

Contact:
Norma Santamaria: nsantamaria@rice.edu
Joe Cavallaro: cavallar@rice.edu

Rice University
6100 Main Street
Houston, TX 77005
Electrical & Computer Engineering

Elec 490 - Electrical Engineering Research Projects
Independent Study

Fall 20 _____ Spring 20 _____

Date:

Name:

Email:

Credit hour(s):

Advisor:

Department of the Advisor:

Abstract: